

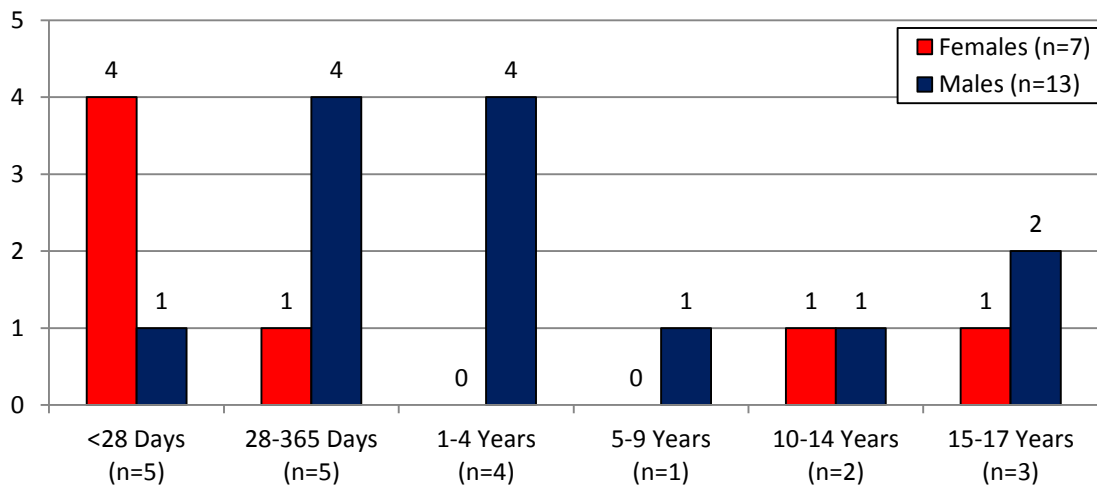


## 2010 CHILD FATALITY REVIEW FOR YAVAPAI COUNTY

### DEMOGRAPHICS

This report provides information on the deaths of children who were residents of Yavapai County. During 2010, there were 20 deaths among Yavapai County residents younger than 18 years of age. Males accounted for 65 percent of child deaths (n=13) and females accounted for 35 percent (n=7). Figure 1 shows deaths among children by sex and age group.

**Figure 1. Deaths Among Children by Sex and Age Group,  
Yavapai County, Arizona 2010 (n=20)**

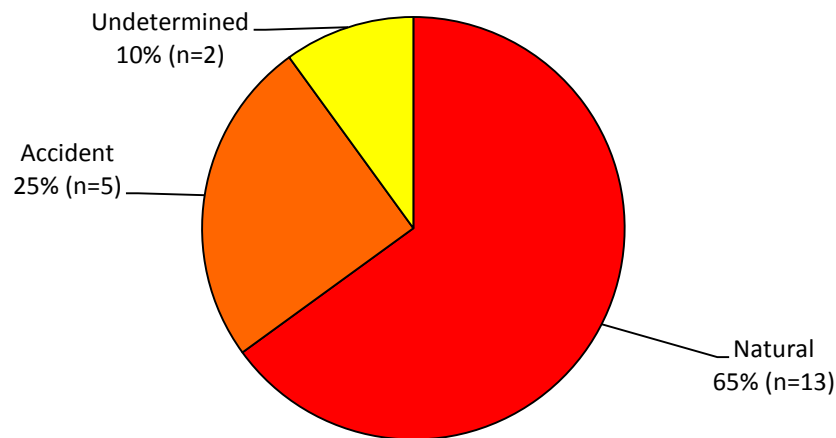


Deaths were significantly over-represented among White, non-Hispanic children in this county. White, non-Hispanic children comprised 67 percent of the population but 80 percent of the fatalities (n=16). Hispanic children comprised 26 percent of the population in this county but 20 percent of the fatalities (n=4). There were no deaths among African-American children, Asian children or children of other races/ethnicities in Yavapai County in 2010.

## CAUSE AND MANNER OF CHILD FATALITIES

Sixty-five percent of deaths were due to natural manners (n=13), 25 percent of deaths were due to accidents (n=5) and two child deaths were of an undetermined manner. There were no suicides or homicides among Yavapai County child residents in 2010. Figure 2 shows deaths among children by manner.

**Figure 2. Deaths Among Children by Manner,  
Yavapai County, Arizona 2010 (n=20)**



Eight children died from medical causes and four died from prematurity. Three children drowned and three died from an undetermined cause. One child was poisoned and one child died by fire/burn. There were no child deaths due to motor vehicle crashes, firearms, hanging, exposure, fall/crush or blunt force trauma among Yavapai County residents in 2010. Table 1 shows deaths among children by cause and manner.

Table 1. Deaths Among Children by Cause and Manner, Yavapai County, Arizona 2010 (n=20)				
Cause	Natural	Accident	Undetermined	Total
Medical*	8	0	0	8
Prematurity	4	0	0	4
Drowning	0	3	0	3
Undetermined	1	0	2	3
Poisoning	0	1	0	1
Fire/Burn	0	1	0	1
<b>Total</b>	<b>13</b>	<b>5</b>	<b>2</b>	<b>20</b>
*Excludes Prematurity and SIDS				

## PREVENTABILITY

Child Fatality Review Teams consider a child's death preventable if something could have been done (by an individual such as the caregiver or supervisor, or by the community as a whole) that would have prevented the death. The Local Child Fatality Review Team determined that 30 percent of the deaths among Yavapai County children could have been prevented (n=6).

During the review of each child's death, teams identify factors believed to have contributed to the death. Although the presence of a contributing factor typically led to the determination that a death was preventable, this was not always the case. For example, the team might have concluded that an unsafe sleep environment (e.g. infant left sleeping on a couch) was a contributing factor in an unexpected infant death. However, the team may not have had sufficient information (e.g. autopsy report, adequate scene investigation) to determine if the death could have been prevented.

In Yavapai County, drugs and/or alcohol was a contributing factor for 10 deaths (50 percent). Lack of supervision was a contributing factor for seven deaths (35 percent), and an unsafe sleep environment contributed to one death (five percent). More than one factor may have been identified for each death. Table 2 shows the most common factors contributing to the deaths of child residents of Yavapai County.

Table 2. Contributing Factors for Deaths Among Children, Yavapai County, Arizona 2010		
Factor*	Number	Percent
Substance use	10	50%
Lack of supervision	7	35%
Co-sleeping	1	5%
*More than one factor may have been identified for each death		

## CHILD FATALITIES IN YAVAPAI COUNTY COMPARED TO OTHER ARIZONA COUNTIES

This section provides comparisons between the deaths of children who resided in Yavapai County and the deaths of children who resided in the remaining 14 Arizona counties. During 2010, 20 children who were residents of Yavapai County died, and 821 children died who were residents of the other 14 Arizona counties. Yavapai County had a crude rate of 49.7 child deaths per 100,000 residents, a slightly lower rate than the remainder of the state (51.7 deaths per 100,000 residents). Yavapai County had a smaller percentage of preventable deaths than the remaining counties. Thirty percent of the deaths among Yavapai County children could have been prevented (n=6), compared to 33 percent of child deaths in the remaining counties (n=273).

Medical conditions were the leading cause of child deaths in Yavapai County (40 percent), as well as for the remainder of Arizona (42 percent). Prematurity accounted for 20 percent of child deaths in Yavapai County residents and was also the second leading cause of death for the rest of Arizona (23 percent, n=188). Drowning deaths

accounted for 15 percent of the child deaths in Yavapai County but only 4 percent of the deaths in the remainder of Arizona. Table 3 shows the leading causes of child deaths for Yavapai County compared to the rest of Arizona.

Table 3. Leading Causes of Child Deaths, Yavapai County, Arizona 2010			
Yavapai County (n=20)		Arizona, Excluding Yavapai County (n=821)	
Cause	Percent of Deaths	Cause	Percent of Deaths
Medical	40%	Medical	42%
Prematurity	20%	Prematurity	23%
Drowning	15%	Drowning	4%

In Yavapai County, the second largest percentage of deaths was due to accidents (25 percent), the same as for the remaining counties, where accidents accounted for 18 percent of child deaths. There was a slightly lower percentage of natural deaths in Yavapai County (65 percent), compared to the rest of the state (66 percent). Undetermined deaths accounted for 10 percent of the child deaths in Yavapai County in 2010 and nine percent for the remainder of the state. Table 4 shows deaths among children by manner for Yavapai County compared to the rest of Arizona.

Table 4. Deaths Among Children by Manner, Yavapai County, Arizona 2010			
Yavapai County (n=20)		Arizona, Excluding Yavapai County (n=821)	
Manner	Percent of Deaths	Manner	Percent of Deaths
Natural	65%	Natural	66%
Accident	25%	Accident	18%
Suicide	0%	Suicide	3%
Homicide	0%	Homicide	4%
Undetermined	10%	Undetermined	9%